

Connected Intersections Quarterly Plenary Meeting

The following are meeting minutes from a quarterly plenary meeting of the Connected Intersections (CI) Committee on Monday October 19, 2020 scheduled from 2:00 PM EDT to 5:00 PM EDT by web conference.

The agenda is provided at the end of these minutes.

All times in EDT.

Roy Goudy called the meeting to order at 2:00 PM.

Siva Narla reviewed ITE's anti-trust guidelines.

Roll Call of Committee

The committee members in attendance are highlighted in yellow (alternates in parentheses):

Roy Goudy, Nissan (co-chair)	Justin McNew, JMC Rota (Masoud Motammedi)	Steve Bowles, 360 Network (Billy Stalcup)
John Thai, City of Anaheim (co-chair)	Mike Schragin, McCain (Jesus Ruiz)	Steve Spouffske, Kapsch (Imran Inamdar)
Christina Spindler, Wyoming DOT (Ali Ragan)	Mike Shulman, Ford Motors (Michael Maile)	Vivek Vijayakumar, GM (Bo Yu)
Doug Schmidt, Aptiv (Chris Hedges)	Mike Stelts, Panasonic (Mateusz Malinowski)	Whitney Nottage, Q-Free (Doug Tarico)
Ed Seymour, TTI (Kevin Balke)	Raj Ponnaluri, FDOT (Derek Vollmer)	
Faisal Saleem, Maricopa County	Ray Starr, Minnesota DOT (Kevin Chan)	
Jay Parikh, CAMP		
Jim Misener, Qualcomm (William Whyte)		

A quorum was present.

Also in attendance were:

Aaron Moore	Doug Gettman, Kimley Horn	Linda Nana, Noblis
Adam Hillier	Edward Fok, FHWA	Manny Insignares, ConSysTec
Ahmad Jawad	Eric Raamot	Masoud Motamedi, JMC Rota
AJ Lahiri, ConSysTec	Geoff Knapp	Michael Maile
Alan Davis	Jean Johnson, NEMA	Michaela Vanderveen, Stillwater Consulting
Anthony Gasiorowski, WSP	Jesus Ruiz, McCain	Mohammed Hadi, FIU
Barry Einsig, Econolite	Jimmy Upton, ISS	Nicola Tavares, ITE
Bob Rausch, TransCore	John Kenney, TNA	Olivia Maillet Glas
Brian Simi, CalTrans	Justin Anderson	Patrick Chan, ConSysTec
Christopher Poe, Mixon Hill	Kellen Shain, Noblis	Peter Jager, UDOT
Cynthia Muldrow	Kevin Chan, Minnesota DOT	Ralph Boaz, Pillar Consulting
Dale Thompson, FHWA	Kevin Tobias, PennDOT	Randy Roebuck, OmniAir
David Aylesworth	Kevin Vitta, ITS America	Rich Deering, CAMP
Deborah Curtis, USDOT	Lee Mixon	

Rob Baily, Kapsch
Robert Saylor, City of Plano
Shah Hussein, CAMP

Siva Narla, ITE
Steve Sill, USDOT
Venkat Nallamothu, AASHTO

William Whyte, Qualcomm
Wolfgang Buckel, Siemens
Zhitong Huang, Leidos

Purpose

- John Thai discussed the purpose of the meeting
- Update stakeholder community about progress and accomplishments of CI project

Project Overview

- Patrick Chan went over the project overview including systems engineering process and progress on ConOps and Requirements document.
- First draft requirements from Task Forces by November 13.

Task Force Presentations

- **SPaT/MAP Task Force**
 - Ray Starr discussed progress
 - No questions
- **Positioning Task Force Task Force**
 - Jim Misener discussed progress
 - **Action:** Roy Goudy to provide Jim Misener contact for OEM
 - No questions
- **Security Task Force**
 - William Whyte discussed progress
 - No questions
- **Testing/Conformity Task Force**
 - Jay Parikh discussed progress
 - No questions
- **Traffic Controller Task Force**
 - Ralph Boaz discussed progress
 - Task force was split into Traffic Controller Manufacture subcommittee and Confidence Factor subcommittee
 - Confidence Factor subcommittee suspended to engage task force on Red Light Warning Violations
 - Wolfgang Buckel asked about purpose of yellow change interval time
 - Roy Goudy said braking time and force varies by vehicles
 - Under certain circumstances, vehicle may be in intersection when light is red. More preview time may be needed for driver

Project Schedule

- John Thai went over upcoming milestones.
- Requirements Walkthrough will take place December
- Final Requirements Document expected January 2021
- Draft Implementation Guidance Document expected April 2021

- Validation expected between April and June 2021
- September Implementation Guidance Document expected April 2021

Potential Validation Sites

Roy Goudy developing checklist of minimum requirements for a reference implementation setup with the USDOT. Requests for consideration will be sent out in November.

Participation

Any new members interested in participating in a task force should sent email to standards@ite.org. Indicate what task forces preferred in email. No more than three task forces per individual.

Closing Remarks

Closing Remarks given by

- Steve Sill, USDOT
- Venkat Nallamotheu, AASHTO
- Siva Narla, ITE
- Jean Johnson, NEMA

Meeting Adjourned at 4:12 PM.

Agenda

1. Call to Order
2. Anti-Trust Guidelines
3. Roll Call
4. Plenary Meeting Purpose
5. Project Overview
6. Task Force Presentations
7. Project Schedule
8. Validation Sites
9. Participation
10. Closing Remarks
11. Adjourn